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STATE CERTIFICATION OF HOME ECONOMICS TEACHERS.

Introduction.—"What are the usual certification requirements in the various States?" is a question frequently sent to the Bureau of Education.

Teachers in one State are interested when meditating a change of position to another, and teacher training institutions are especially concerned when preparing to place their graduates.

The following statements are either direct quotations from the State laws or have been prepared or approved as correct by the State superintendent of public instruction in the particular State referred to.

The reader should hold in mind the fact that many cities determine for themselves the qualifications of their teachers.¹

City school requirements are usually higher than the minimum set by the State law. A concerted effort is now being made by the advocates of home economics education to have all home economics teachers meet requirements equal to those demanded of other teachers in any one school system, i. e., if all high-school teachers of academic subjects must hold a bachelor's degree, then the special teachers of home economics should also be required to have completed a four years' college course.

ALABAMA.

Every teacher in the public schools of Alabama must hold a certificate of some kind. The certificates of the several grades and classes are issued on examination or on the completion of courses of professional study.

Since October 1, 1920, special certificates to teach home economics and supporting subjects have been issued on credentials of applicants. The educational requirements to secure a certificate of this kind are graduation from an accredited high school and two years of special training in home economics in an institution of college rank. The applicant for a certificate of this kind is required to show that 50 per cent of the time was devoted to home economics and supporting subjects, with as many as two semester hours of practice teaching in home economics included as a part of the course. In the case of a person who has had four years of work in home economics it is required that only 25 per cent of the time be given to this and related subjects. All special certificates issued on this basis are valid for 3 years and are subject to renewal on

¹ See Bu. of Educ. Bull. 1917, No. 8, "Current Practice in City School Administration."
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the basis of reading circle work, extension courses, and summer-school study at an approved institution.

No special certificate to teach home economics is required of a teacher who holds a regular certificate of some other kind under which she is qualified to teach in the public schools of the State. Up to this time the State department of education has not provided for the issuance of certificates in home economics by examination, though it is probable that the development of this subject as a public-school study will before many years lead to the issuance of certificates in this way.

ARIZONA.

Vocational home economics certificates (Smith-Hughes) are given on completion of a 4-year course from a standard college or university giving fully standardized courses in home economics. At least 30 hours of the 120 hours usually required for graduation should be given to home economics subjects. Eighteen hours of education are required, credit for three of which may be secured on one year or more of successful teaching experience.

Home economics certificates (not Smith-Hughes vocational) are given on completion of an approved course in home economics above a high school. This means at least a 2-year normal course in the specific subject. In actual practice the high schools of the State require graduation from the fully standardized courses in home economics of a college or university.

ARKANSAS.

A 2-year course in home economics leads to a certificate, and the State board may also issue certificate on examination.

CALIFORNIA.

For the elementary schools, seven years of schooling beyond an elementary school course, including one and one-half full years of professional training and special training in home economics. For the secondary schools, eight years of schooling beyond an elementary school course, with two full years of professional training and training in home economics. In certain instances, and upon individual examination, four or more years of experience as the head of a household may be accepted in lieu of two years of the eight-year schooling requirement for secondary teachers. Certification of home economics teachers is dependent upon credentials authorized or issued by the State board of education.

COLORADO.

A four years' college course is necessary for those desiring to teach in high schools. For evening and part-time schools, two years of college work are required, though this may be waived under certain conditions.

CONNECTICUT.

Certificate is issued by State board of education upon examination to those who have special preparation to teach, if they are to be paid by the town.

Town-school committees or high-school committees may certificate for local high schools when teachers are paid by local committees.

On November 1, 1921, there were four Smith-Hughes departments of home economics in high schools in the State, with five teachers employed. There is also a department of home economics with two teachers at the Putnam State Trade School. The State pays the entire salary of these teachers. Their certification is based upon the following terms:

CERTIFICATION OF HOME ECONOMICS TEACHERS.

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1. Practical experience.—Teachers of home economics shall have had sufficient practical experience to properly organize the work.

2. Professional training.—Includes special home economics methods and supervised teaching in home economics.

3. Training in home economics.—Teachers must have been graduated from a home economics department of a college or have had equivalent education or training.

The 1st of next July (1923) a new system of certification covering all classes of positions will be inaugurated.

DELAWARE.

The city of Wilmington certifies its own teachers. For high schools outside of Wilmington it is necessary for the applicant to have had a four years' college course and to have specialized in home economics, including the art of teaching the same.

FLORIDA.

Any eligible applicant presenting satisfactory evidence of possessing ability to teach one or more subjects not embraced in the requirements for a second-grade certificate, and passing a satisfactory oral and written examination on one or more subjects, shall receive a special certificate on every subject on which a grade of 90 per cent is made. A special certificate shall be valid for teaching only the subjects covered by it and for five years from date of issue.

Any regular graduate of a standard university, college, or normal school requiring a four-year course for graduation, having graduated therefrom since June 15, 1905, and desiring a teacher's certificate in Florida, shall file an application in the form prescribed by the State superintendent of public instruction, which form shall contain, with other matter, a complete transcript of the applicant's college record, showing the branches pursued and completed, with the grade made on each branch expressed on the basis of 100, and the number of months each branch was pursued in the school reporting, with a certified copy of his or her diploma, and satisfactory evidence of having taught school successfully for a period of 24 months after graduation, a fee of \$5, and satisfactory testimonials as to health and moral character with the State superintendent of public instruction, who, with the president and dean of the normal department of the Florida State College for Women, shall constitute a commission to review and pass upon all applications for certificates based upon diplomas; and the State superintendent shall issue a graduate primary, a graduate first grade, a graduate special, or a graduate State certificate, as the commission may determine.

The applicant's college record must be the same or equivalent as to branches completed and grades made as is required for a primary, first grade, special, or State certificate issued upon examination under sections 7, 10, 11, and 12 of this act; and all certificates issued under this section shall have the rights, privileges, and benefits conferred upon those holding like certificates issued as the result of examination.

The State superintendent of public instruction is hereby authorized to issue to any applicant who files a valid teacher's certificate, or license to teach, issued by or in a State other than the State of Florida, when such applicant is indorsed and recommended by the superintendent of public instruction of the county wherein such applicant has been elected or employed to teach, a courtesy temporary certificate valid for two months, except as otherwise provided, authorizing the applicant to teach in the school and that school only, and the subjects and only the subjects embraced in the certificate, or license filed: *Provided*, That the holder of such courtesy temporary certificate must obtain, on or before the

expiration of said two months, a regular Florida certificate under this chapter: *Provided further*, That should the holder of such courtesy temporary certificate fail upon examination to merit a certificate or fail to be awarded by the commission a certificate based upon a diploma from a standard university, college, or four-year normal school, the said courtesy temporary certificate shall be void at once and no other temporary certificate shall be issued to said person; or if the certificate merited upon examination or awarded by the commission does not embrace each and all the subjects set out in said courtesy temporary certificate, then the authority to teach the subject or subjects not so embraced shall immediately terminate.

GEORGIA.

To teach in the Georgia schools the applicant must, at least, have graduated from a standard high school and have a degree or approved training in home economics and in the science and art of teaching.

For Smith-Hughes schools the full four-year home economics course at the State College of Agriculture or of institutions of equal rank and practical experience are essential.

For vocational part-time and evening schools temporary vocational certificates may be granted to teachers not having the required professional training but who, with large practical experience, demonstrate their ability to teach successfully.

IDAHO.

The applicant for a position in home economics in Idaho must be a graduate from an approved high school and must have had not less than a two-year course in home economics in an approved college or school. She must also pass an examination in Idaho civil government and school law and in the Idaho Manual and Course of Study. Vocational day-school teachers must have a degree of bachelor of science in home economics or the equivalent, 12 weeks of practical teaching, and 2 years' practical experience in household administration.

ILLINOIS.

In order to be certified for high-school teaching in Illinois, the applicant must be graduated from an organized college or university and must present within three years after graduation certified credits in the subjects she wishes to teach, accompanied by faculty recommendation of ability to teach in high school.

Special certificates are granted to applicants who present the following: (A) Evidence of graduation from a four-year high-school or equivalent preparation; (B) a certificate showing the completion of at least two years of special training in the subject or subjects named on the certificate in a recognized higher institution; (C) credits for eight semester hours in English and six semester hours in education; (D) satisfactory evidence that the applicant has taught or can teach successfully the subject or subjects for which a special certificate is desired.

INDIANA.

Graduation from an approved two-year teachers' course, with special training courses in the subject for which the certificate is issued. Vocational high schools under Smith-Hughes act employ only such teachers as have had a four-year college course and practical home experience.

IOWA.

Certification is secured by examination in special subjects or groups of subjects, by completion of a two years' normal course, or by graduation from the

State Agricultural College or State Normal. For vocational day schools, four years of college work beyond the high school and two years of practical experience are required; for evening and part-time vocational schools, two years in home economics college course, or equivalent practical experience.

KANSAS.

In Kansas a four-year course in an accredited high school and a two-year course of study (60 semester hours) in normal school, college, or university, approved for this purpose by the State board of education. Advanced or college study must be sufficient to earn not less than 60 semester hours, including not less than 28 semester hours in home economics and 3 semester hours each in general psychology, methods of teaching, and school management, or other equivalent branches in education. For vocational day schools expecting Smith-Hughes reimbursement, the applicant must have had a four-year course in home economics and two years' practical experience in a home. In evening and part-time schools, teachers of food classes must have had a four-year course in college, but for teachers of other home economics subjects the "rules will be modified to suit the needs of the case."

KENTUCKY.

Home economics teachers in the elementary and high schools of Kentucky are expected to have had a two-year home economics college course. Teachers in Smith-Hughes vocational day schools must have had a four-year home economics college course. Teachers for evening and part-time classes must show "sufficient training to present work in a satisfactory manner," and have had two years of practical experience.

LOUISIANA.

For the session of 1921-22, home economics teachers are required to be credited with as many as 36 college hours (a college course of two years, majoring in home economics); for the session of 1922-23, the requirement will be 40 college hours; and thereafter these teachers will have to meet the standards prescribed for other high-school teachers. The standard for the session of 1923-24 will be 64 college hours, just 4 hours short of college graduation.

MAINE.

A two years' normal course in home economics leads to a certificate. For vocational day schools the teacher must have had training "equal to that given at the University of Maine." For evening and part-time vocational schools, "teachers of unit subjects must have sufficient education and culture to assemble and impart knowledge, and must have pedagogical coaching and be skilled in the work they are to teach."

MARYLAND.

Supervisors of home economics must have had four years of high school and four years of college work, practically one-half of which was in general academic subjects and approximately one-half in home economics, including not less than 200 recitation hours in history of education and in the art of teaching and supervising home economics, and must have had four years' teaching experience, two of them being in home economics. Teachers of home economics must have had four years of high school and at least two years of college work, approxi-

mately one-third of which must have been in academic subjects and two-thirds in home economics, including 200 recitation hours in education and in the art of teaching home economics. For vocational day schools, a teacher must have had at least two years, preferably four years, above graduation from high school and successful practice teaching, or successful teaching experience, and also two years of practical experience, including management of a home. For vocational evening schools, a teacher must have had an elementary-school education, supplemented by some high-school education, and ability to present such matter successfully, with well-established skill in handling house or trade problems.

MASSACHUSETTS.

Graduates of a three years' course in household arts at Framingham Normal School are certified on the recommendation of the principal of that school. For independent vocational schools, vocational household arts departments in high schools and compulsory continuation schools for girls, the applicant must have completed elementary and secondary schools or an equivalent; have had at least one year of special technical training beyond the high school in the special subject taught, and two years of practical household or trade experience. For vocational evening schools, completion of an elementary education and four years of experience in the special trade taught. For teachers of cookery, an approved course in the theory and practice of cooking. For teachers of home nursing, graduation from an approved hospital.

MICHIGAN.

Teachers are certificated for teaching in either elementary or high schools at the completion of a two years' course in the normal school or in a similar institution. Vocational day school teachers must have graduated from a four-year college course, or must be "working to meet that condition." They must have also had two years of experience in a home. "In case professionally trained teachers are not available, women of other trades or professions with actual experience may be employed." "Persons who complete the four-year college course in home economics, together with practical work and practice teaching, are granted life certificates by the State board of education upon recommendation of the institution which is approved by said board."

MINNESOTA.

Since 1915 Minnesota has required that all teachers of home economics in the high schools be graduates of the home economics teachers' course of the State university or other institutions of similar standing. For vocational schools, the teacher must have had a four-year home economics college course, adequate vocational experience, and 15 hours of professional training. For evening schools, the applicant must have had at least three years of successful experience in the work to be taught, present satisfactory evidence of ability to teach the home economics subject for which the certificate is issued, and must present credentials for the completion of an established teacher-training course. For part-time schools, the applicant must show ability to impart information and must have had three years' practical experience in the subject to be taught.

MISSISSIPPI.

There is no law at present that states the exact qualifications for home economics teachers. Efforts are being made to put the following regulation into effect, however, that no person shall be given examination for home economics

license who has not had as much as two years above high-school training, with special work in home economics. The vocational requirements are that they must have completed a four-year course as outlined at the teacher-training institution for vocational home economics for the whites and a three-year course as outlined for the colored. Some exceptions are made to these rules at present, due to the fact that there are not enough teachers meeting the maximum requirements. There are some junior colleges in the State that are meeting the minimum requirements.

MISSOURI.

Certificates are granted: (a) Graduates from colleges with training in the special subject; (b) graduates of schools of higher rank which prepare special teachers, provided that the course includes two hours of education throughout one year. Vocational day high schools require that the teacher have four years above high school and two years of home experience.

MONTANA.

A certificate to teach home economics is issued to any teacher who presents satisfactory evidence of special proficiency for teaching that subject, as shown by a certificate or credential held by such teacher. Teachers in Smith-Hughes schools must present evidence of a four years' college course in home economics.

Special certificates to teach home economics do not qualify holders to teach academic subjects. In order to secure a State certificate by indorsement and thus be qualified to teach other subjects, the applicant must hold a diploma from a standard normal course two years in advance of a four-year high school or from a four-year standard course with credits in 11 hours of professional work, education, psychology, etc.

NEBRASKA.

Certificates are issued at the completion of a two years' course in normal schools. Smith-Hughes day schools require that the teacher shall have had four years of college course and two years of practical experience. For evening and part-time schools, the applicant must have had two years of practical experience and one-year normal course, but sufficient training to insure success. Those teachers desiring to teach food courses must have had a two years' college course.

NEVADA.

Certificates to teach home economics in the State of Nevada are issued at the discretion of the State board, when the applicant is qualified to teach any of the subjects specified. For vocational day schools, the applicant must have had two years' experience in home management and four years' college course in home economics, or show unusual training and ability, together with two years' specialized training in home economics.

NEW HAMPSHIRE.

The State College at Durham provides four-year courses under the Smith-Hughes law which lead to certification for teachers in junior and senior high schools.

The two normal schools—Plymouth and Keene—offer three-year courses which lead to certification for teaching in junior and senior high schools, provided that not less than 80 per cent of their teaching be in their standardized subject.

NEW JERSEY.

(For temporary special license see Rules 78-82 and 87.)

To receive a special certificate an applicant must comply with Rule 11, and unless exempted under the provisions of Rule 12 with such other conditions as may be specifically required under the respective certificates.

A limited special certificate (unless otherwise stated) is valid for one year. At the end of the year it may, under the provisions of Rule 7, be renewed without examination for two years.

A limited special certificate may, under the provisions of Rule 7, be made permanent, without examination, after three years of successful teaching.

A special certificate entitles the holder to teach any grade in the subject or subjects covered by such certificate, and except in the case of the manual training teaching certificate, to supervise in any grade in the subject or subjects covered by such certificate.

GENERAL REQUIREMENTS FOR ALL CERTIFICATES.

Rule 11. To receive a certificate an applicant shall:

- a. Be at least 18 years old;
- b. File testimonials as to moral character;
- c. File a physician's certificate that he is in good health and free from any disease or physical defect that might interfere with his success as a teacher;
- d. File, in case of previous experience, testimonials as to his success in teaching, with a written statement giving the places in which he has taught and the term of service in each.¹

Rule 12. Exemption from examinations may be obtained in the following way:

A. By presenting for indorsement a diploma, certificate, or another record, as indicated in (1), (2), and (3) following, an applicant may be exempted from examination in the subjects covered by the document presented.

(1) The diploma of an approved college, subject to the specific requirements of the various classes of certificates hereinafter described.

(2) A New Jersey county certificate other than special, or a New Jersey State certificate, provided such certificate shall have been in full force and effect in this State within five years next preceding the date of the stated examination at which the applicant presents itself.

(3) Records from approved universities, colleges, technical schools, or approved summer schools of the satisfactory completion of a course of study in any subject required for any grade of certificate, provided the record of the same be submitted under seal or affidavit of the institution, and subject to the specific requirements of the various classes of certificates hereinafter described.

B. By presenting for indorsement a diploma from a State normal school outside the State, as indicated in (1), (2), or (3) following, an applicant for a permanent elementary certificate may be exempted from examination in the subjects required for that certificate. This can be done, however, on terms of reciprocity only, except that normal-school diplomas, issued in States which do not have a State system of certification, and which are therefore unable to grant said reciprocal privileges, may be indorsed as herein provided.

(1) The diploma of a State normal school in another State, provided that such normal-school diploma covers work equivalent to that required in this State for a normal-school diploma.

¹ Certified copies of testimonials will be accepted in lieu of originals.

(2) The diploma of a State normal school in another State, provided that the holder of said diploma shall also hold a certificate of graduation from a course of study of at least three years in a high school or private secondary school approved by said State; and provided further, that the applicant shall have taught successfully for at least three years. In each case the State board of examiners may determine whether or not the applicant has taught successfully.

(3) The diploma of a State normal school in another State, based upon one year of study in such school, provided that the holder thereof shall have been graduated from a four-year course in a high school or private secondary school approved by said State, and shall have been graduated from a one-year course in a training class approved by said State, and shall also have taught successfully for at least one year before entering said State normal school.

NEW MEXICO.

There are no laws or requirements relating to the certification of home-economics teachers in elementary or high schools other than the general rules and regulations for certificating teachers for regular school positions. In schools, however, receiving reimbursement from Federal and State funds for instruction in vocational home economics, the State plans require that the teacher shall be a graduate of a four-year college course in home economics.

NEW YORK.

In New York State all teachers of home economics must have graduated from an approved four-year high-school course and must have had two years of special professional training in an approved institution.

For State-aided departments of home making teachers must have graduated from an approved four years' professional course of college rank.

NORTH CAROLINA.

Certificates to teach home economics are granted to graduates from the State College for Women at Greensboro or graduates from colleges of equal rank. For vocational day schools the teacher must have had a four years' college course in home economics, two years of practical household experience, and 12 semester hours of education. For evening and part-time schools the applicant must have had two years of home experience and two years' course in home economics of college grade, or a special concentrated course, especially planned for the specific purpose of training said teachers.

NORTH DAKOTA.

Completion of a two years' course in the normal schools of North Dakota results in a special certificate for the teaching of home economics. Smith-Hughes Schools require that the teacher shall have completed a four years' college course.

Graduation from accredited normal schools or teachers' colleges outside of North Dakota is also accepted as a basis for the issuance of domestic science certificates. Also if an applicant has had two years in advance of high school and holds a diploma granted upon the completion of a prescribed course in domestic science.

Special certificates to teach (1) agriculture, (2) commercial subjects, (3) domestic science, or (4) manual and industrial training in the common graded or high schools of the State, may be issued to applicants who possess qualifica-

tions equivalent to those required for a second-grade professional certificate. The applicant for a special certificate must satisfy the State superintendent of public instruction by examination or otherwise of his proficiency in the subject which the holder is authorized to teach. Special certificates shall be valid for such a term of years as the State superintendent of public instruction shall prescribe.

The standard established by law for such a certificate is (a) completion of a four-year high-school course or the equivalent, (b) a two-year course of preparation in the special subject or subjects in an approved school and a certificate or diploma of graduation, and (c) such professional (teacher-training) content in the course as the superintendent of public instruction requires.

The department has not up to the present time worked out exact standards on which to approve schools and courses to prepare special teachers. It is evident that there would have to be standards different in some respects for almost every such special subject. It is also evident that in some subjects at least a two-year course is rather a long course; while in agriculture and some other branches it is a short course.

A course offered for the preparation of any such teachers is reviewed, and if it seems to include a good preparation for a public-school teacher of the subject, it is approved. The minimum teacher-training content that is acceptable is 18 semester hours. (A semester hour is the credit for a course requiring one hour—about 55 minutes in the clear—of classroom work per week for 18 to 20 weeks. The outside work in preparation for a classroom exercise should take about two hours.) The following is the standard of professional work (figures represent semester hours):

Educational psychology.....	3
Principles of teaching.....	3
Methods in the special subject.....	4
Organization of work and management of classes.....	2
History of modern education.....	3
Observation of teaching and practice teaching.....	3

The practice teaching should be for not fewer than 36 clock hours. It should be preceded by plans and followed by conferences. The observation should be properly prepared for and followed up. The practice teaching, or most of it, should be in public schools—the normal teaching situation.

Sufficient work in English must be required to make certain that the teacher will use the language with the skill needed in instructing classes.

The minimum credit in any subject included in a group, as commercial branches, shall be not less than 10 semester hours in addition to the prerequisite high-school units for a minor. Two high-school units in commercial branches are prerequisite.

OKLAHOMA.

SPECIAL HIGH-SCHOOL STATE CERTIFICATES.

(Valid to teach or supervise in special subjects, such as drawing, manual arts, domestic science, and commercial work.)

Five-year special high-school State certificates.—These are issued to graduates of accredited normal schools and colleges who have completed a standard course in the special subject for which the certificate is desired and 16 hours in psychology and education.

Also to graduates of four-year accredited high schools who have spent two full years in some recognized institution and have completed a standard course in the subject for which the certificate is desired and 16 hours in psychology and education. This certificate may be renewed at expiration for a like period, provided the holder has taught in Oklahoma during the period of its validity.

One-year special high-school State certificates.—An applicant for a special high-school certificate who has completed the work mentioned in paragraph 19 or 20 above in an institution outside of Oklahoma will be issued a certificate valid for one year. Such a certificate may be renewed for five years when the holder has taught successfully in Oklahoma one year and has completed a term of work in an accredited educational institution of Oklahoma.

OREGON.

Certificates are issued to those who have been graduated from a standard course in a standard technical school which requires graduation from a standard high school for entrance and which requires four years of work for graduation. The vocational day school requires two years of practical experience and a four years' college course, including such professional courses as the State board requires for the certification of other high-school teachers.

PENNSYLVANIA.

A minimum of two years of work, including 200 hours of education, at least 60 of which must have been in practice teaching, and two years of approved practical experience are required for certification in general education and vocational education in home economics. Curriculums must be planned and approved for general or for vocational home economics education. Institutions are encouraged to offer four-year curriculums whenever possible.

RHODE ISLAND.

No examinations in home economics subjects are given for certification. Only persons who present satisfactory evidence of preparation for service may be certificated. Certificates are either professional or provisional. For professional certification limited to home economics subjects the applicant must show graduation from a college or normal school with specific training in home economics, including professional training for teaching. For provisional certification, smaller academic preparation, or satisfactory examination in academic subjects, plus specific preparation for teaching home economics.

SOUTH CAROLINA.

No report was received.

SOUTH DAKOTA.

CERTIFICATES ISSUED ON SCHOOL CREDENTIALS.

Granted only to graduates of standard normal courses requiring at least two years' work beyond a standard four-year high-school course or its equivalent.

In passing upon an application, both the high-school and normal courses will be considered. The standards set for South Dakota high schools and normal schools will be strictly adhered to.

The following subjects must appear in every complete course:

English, 108 weeks.

Mathematics:

Algebra, to quadratics, 36 weeks.

Plane geometry, 36 weeks.

History:

American (including civics), taken after the tenth grade, 36 weeks.

European (may be either ancient, medieval, modern, or English), 36 weeks.

Science (may be either physics, physical geography, botany and zoology, chemistry, agriculture, or general science), 36 weeks.

Physics or chemistry must not be taken before third year of course and should include laboratory work.

The normal course must include a minimum of 15 semester hours in pedagogy and professional training. A deficiency in this subject may be made up by examination.

Total attendance in the secondary and in the normal school shall be 216 weeks above the eighth grade, provided that any normal school may accept satisfactory credits covering 20 weeks' work above the eighth grade.

Experience: Applicants must show 18 months' successful teaching experience.

Valid in any school of the State for work below the high school and first year of high school only, unless issued prior to July 1, 1919, bearing the eligibility stamp.

Term, five years.

Renewable, on same conditions as first grade.

Fee, \$5 for issuance or renewal, to be paid to superintendent of public instruction.

PROVISIONAL STATE CERTIFICATES.¹

Issued to graduates of normal courses whose scholastic attainments are sufficient either for the State certificate or life diploma, but who lack the required teaching experience to qualify for same or to those whose teaching is not satisfactory and to those who have never taught under our supervision.

STATE CERTIFICATES.

Applicant must show proficiency (a) in orthography, reading, penmanship, arithmetic, geography, grammar, physiology and hygiene, United States history, including South Dakota history, civil government, and drawing; and (b) pass a satisfactory examination in American literature, algebra, plane geometry, physical geography, physics or botany, general history, rhetoric and composition, and pedagogy. (c) The minimum standing is 70 per cent and the required average is 80 per cent.

VOCATIONAL CERTIFICATES.

Applicant must show proficiency in all the subjects required for a State certificate except current events and American literature, and in addition must show proficiency in the particular vocational subject or subjects to be taught, for which the certificate is desired.²

Experience, none required.

Validity, valid for subject or subjects specified on certificate in any school in State.

Term, five years.

Renewable, upon presentation by the applicant of evidence of continued and successful teaching experience.

Fee, \$5 for issuance or renewal, to be paid to the superintendent of public instruction.

TENNESSEE.

The normal schools offer a two years' home economics course above high school which entitles the applicant to a certificate to teach except in first-class high schools.

¹ Issued only on credentials.

² Vocational certificates may be issued to teachers engaged exclusively in teaching manual training, domestic science, music, drawing, commercial subjects, penmanship, kindergarten methods, or art.

TEXAS.

At present the work of no home economics teacher is accredited on less than two years of college preparation for teaching home economics.

Until 1925 teachers of home economics will not be required by law to hold a State certificate.

Certificates authorizing the holders to teach the special subjects of agriculture, domestic art, domestic science, commercial subjects, public-school drawing, expression, manual training, physical training, public-school music, vocal music, instrumental music, industrial training, or foreign language may be granted to applicants as follows:

An applicant who has met the college entrance requirements of any Texas State normal college, or any university, senior college, junior college, or normal college which is ranked as first class by the State superintendent of public instruction, and, in addition thereto, has satisfactorily completed 10 college courses, at least 1 of which shall be in English, at least 1 of which shall be in education, and at least 1 of which shall be in the special subject on which the certificate is issued, these courses to be taken in any Texas State normal college, or any university, senior college, junior college, or normal college which is ranked as first class by the State superintendent of public instruction, shall be entitled to receive a special certificate authorizing him to make contract to teach his special subject, which special certificate shall be valid until the third anniversary of the 31st day of August of the scholastic year in which the certificate was issued: *Provided*, That one of these courses must include special methods of teaching the subject on which the certificate is granted.

An applicant who has met the college entrance requirements of any Texas State normal college, or any university, senior college, or normal college which is ranked as first class by the State superintendent of public instruction, and, in addition thereto, has satisfactorily completed 15 college courses, at least 1 of which shall be in English, at least 1 of which shall be in education, and at least 3 of which shall be in the subject on which the certificate is granted, these courses to be taken in any Texas State normal college, or any university, or senior college, or normal college ranked as first class by the State superintendent of public instruction, shall be entitled to receive a certificate entitling him to contract to teach his special subject, which certificate shall be valid until the fourth anniversary of the 31st day of August of the scholastic year in which the certificate is granted.

It is especially herein provided that the holder of a special kindergarten certificate, or a special certificate in commercial subjects, public-school music, public-school drawing, or physical training, on the completion of three years of teaching the special subject during the validity of his certificate or certificates shall be entitled to receive a permanent special certificate in his subject, valid for use in the public schools, unless canceled by lawful authority.

An applicant who has met the college entrance requirements of any Texas State normal college, or any university or senior college or normal college ranked as first class by the State department of education, and in addition thereto has completed 20 college courses, at least 1 of which shall be in English, at least 1 of which shall be in education, and at least 4 of which shall be in his special subject, these courses to be taken in any Texas State normal college, senior college, or normal college ranked by the State superintendent of public instruction as a college of the first class, shall be entitled to receive a permanent certificate in his special subject, valid for life unless canceled by lawful authority, provided that the college courses shall include special methods of teaching the subject on which the certificate is issued.

After September 1, 1925, teachers who devote the major portion of their time to teaching or supervising special subjects shall be required to hold a high-school certificate or a special certificate, as provided for in this act, on the special subject in which they give instruction or supervise work.

For the scholastic year of 1920-21 Texas universities and colleges shall have the right, if preferred, to continue their former laws granting privileges on which they have made pledges to their students, to fulfill the pledges authorized by these former laws.

After consultation with the attorney general's department, the State superintendent has interpreted the preceding paragraph to have the following meaning:

Any student who attends school at an approved college during the session of 1920-21 may exercise a choice as to whether he will complete his work according to the terms of the new law, provided that he completes his work by September 1, 1925. In order to have this privilege he must be in attendance at the school during the regular session or the summer session of 1920-21. A student who is not in attendance at such a school during the regular session or the summer session of the present scholastic year must complete his college work under the terms of the new law.

UTAH.

Certificates are issued to applicants who present evidence satisfactory to the State board of education that they have a high degree of special fitness to teach the subject. This statement applies to teachers of domestic art but not to teachers of domestic science, except by special action of the State board. Under the present requirements of the board, teachers of domestic science in the high schools are expected to qualify by completing a standard four-years' course, including approximately one year in education and closely related subjects.

Smith-Hughes schools require four years' college course in home economics and two years' practical experience. Evening schools require two years of practical experience and nine hours of professional training. Part of the above requirements may be waived.

VERMONT.

No certificate of any kind is issued in Vermont to anyone having less than one year of professional training. Special certificates are given for teachers of home economics, provided the applicants are graduates from approved institutions having a home-economics course of not less than two years.

VIRGINIA.

Special certificates to teach home economics are issued to applicants who have completed a two years' home-economics course of study which was based on graduation from high school. Provisional certificates may be issued to those who have completed a part of the work, which certificate is valid for one year only. Smith-Hughes schools require a four years' college or normal course and one year of experience in the management of a home.

WASHINGTON.

The University of Washington and the Washington State College are recognized as teacher-training institutions and grant normal diplomas for teaching home economics to those of its graduates who have majored in home economics and who have completed not less than 12 semester hours in the department of education. The normal schools of Washington offer a two and a three year

course in home economics, which leads to a certificate to teach the subject in the State. Special certificates are also issued by the county school superintendent or by the city superintendent in a school district of the first class to teachers who show special fitness and who have completed not less than two years of work above the four-year high-school course, provided the applications for such special certificates are approved by the State superintendent of public instruction. Vocational day-school teachers must have completed a four-year college course in home economics, which includes 12 semester hours in education, and must have had two years of practical experience in household administration. For part-time schools the applicant must have had two years of practical experience and two years of technical training, and, in addition, at least one course in methods of teaching home-economics subjects. For evening schools the applicant must have had two years of successful experience in the work taught, and present evidence of teaching ability and credentials of the completion of a teacher-training course in special methods or its equivalent.

WEST VIRGINIA.

Certain cities in West Virginia make their own decision as to the qualifications of their teachers. Certificates are issued by the State board by examinations or upon completion of courses approved by the State board with at least 10 semester hours of credit in professional subjects. The vocational day-school teachers must have had four-years' course in home economics and two years' practical experience.

WISCONSIN.

Certificates are issued for the teaching of domestic science, manual training, agriculture, etc., upon satisfactory evidence of the completion of a two-year course equivalent to that given by the normal schools of the State which offer such instruction and by the University of Wisconsin.

WYOMING.

Special certificates to teach home economics are issued to graduates from four-year high schools with 2 additional years of special preparation in home economics. They are also issued to college graduates.

SPECIAL CERTIFICATES.

Basis—Credentials.

Requirements:

Academic—

High school four years and graduation from standard technical school (two-year course) or graduation from standard college with major (special technical subject) 25 hours, English 4 hours.

Professional—

Six hours in education, including principle of teaching. Provided applicant has no credit in education, he may qualify by taking examination and making minimum grade or 80 per cent in principles of teaching and special methods.

Experience—

Two years.

Validity—

Period—Life.

Position—To teach special subjects named on certificate.

Validation—(See regulations for validation of life certificates.)

Applicants for certificates upon the credential basis must have been engaged in education work within four years preceding the time of application. Credit may be made valid for certification by the holder complying with the requirements for validation of certificates.

HOME ECONOMICS. SMITH-HUGHES.

For all-day schools.

Requirements:

Academic training—

Graduation from a four-year course in home economics in a standard college or university, with at least 50 per cent of the work in home economics and related subjects.

Professional training—

Fifteen semester hours of credit in education, including some work in methods of teaching home economics.

Vocational experience—

At least two years of home-making experience, a part of which must have been in the actual management of a home.

Teaching experience—

Three years.

Validity—

Period—Life.

Subjects—Home economics and related subjects in day, evening, and part-time schools.

For persons who may satisfy the above requirements, with the exception of the necessary teaching experience, a provisional certificate will be issued valid for three years. After three years of successful teaching experience, this may be exchanged for the regular vocational home-economics certificate.

When impossible to secure desirable home-economics teachers with the required professional training, a provisional certificate may be issued valid for one year. The holder of each certificate will be required to secure at least five semester hours of credit, or such smaller number as will enable her to meet the above requirements in professional work during the life of the certificate. Having complied with this condition, a second and third certificate may be issued on the same conditions.

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